What is claimed is:

1. A chronograph timepiece having a power source by a main spring provided in a barrel complete, comprising:

a main plate constituting a base plate of a movement;

a surface train wheel rotated based on rotation of the barrel complete;

an escapement/speed control apparatus for controlling rotation of the surface train wheel;

at least one of an automatic winding apparatus and a hand winding apparatus;

a second chronograph train wheel, wherein the second chronograph train wheel including a second chronograph wheel & pinion;

a minute chronograph train wheel, whrein the minute chronograph train wheel including a minute chronograph wheel & pinion;

an hour chronograph train wheel, wherein the hour chronograph train wheel including an hour chronograph wheel & pinion;

wherein an angle made by a straight line connecting a rotational center of the second chronograph wheel & pinion and a rotational center of the hour chronograph wheel & pinion and a straight line connecting the rotational center of the second chronograph wheel & pinion and a rotational center of the minute chronograph wheel & pinion is constituted to be 90 degrees;

the hour chronograph wheel & pinion including an hour heart cam;

the minute chronograph wheel & pinion (342) including a minute heart cam;

the second chronograph wheel & pinion including a second heart cam, further comprising:

a reset button for controlling to operate to zero the hour chronograph wheel & pinion, the minute chronograph wheel & pinion and the second chronograph wheel & pinion; and

a hammer operated by operating the reset button for controlling to operate to zero the hour chronograph wheel & pinion, operate to zero the minute chronograph wheel & pinion and operate to zero the second chronograph wheel & pinion;

wherein when the hammer is brought into contact with the hour heart cam and the second heart cam and the minute heart cam (342d), a position of the hammer is constituted to be determined only by the hour heart cam, the second heart cam and the minute heart cam and when the hammer is brought into contact with the hour heart cam, the second heart cam and the minute heart cam, a direction of a press force exerted to the hammer is constituted to pass the rotational center of the second chronograph wheel & pinion; and

wherein "hour" of a result of measuring chronograph is indicated by a chronograph hour hand attached to the hour chronograph wheel & pinion;

"minute" of the result of measuring the chronograph is indicated by a chronograph minute hand attached to the minute chronograph wheel & pinion; and

"second" of the result of measuring the chronograph is indicated by a chronograph second hand attached to the second chronograph wheel & pinion.

2. A chronograph timepiece according to Claim 1, wherein the hammer is provided movably by being guided by a hammer guide pin.

3. A chronograph timepiece according to Claim 2, wherein a clearance is provided between a guide portion for guiding to move the hammer and the hammer guide pin and the clearance when the hammer is brought into contact with the hour heart cam, the second heart cam and the minute heart cam is constituted to be larger than the clearance when the hammer is guided by the hammer guide pin.

4. A chronograph timepiece according to Claim 1 , wherein an angle made by an hour heart cam contact portion at which the hammer is brought into contact with the hour heart cam and a second heart cam contact portion at which the hammer is brought into contact with the second heart cam is constituted to be equal to or smaller than 10 degrees and an angle made by the hour heart cam contact portion at which the hammer is brought into contact with the hour heart cam and a minute heart cam contact portion at which the hammer is brought

into contact with the minute heart cam is constituted to fall in a range of 80 degrees through 100 degrees.

5. The chronograph timepiece according to Claim 1;

wherein a hammer operating pin is provided at the hammer and when the hammer is brought into contact with the hour heart cam, the minute heart cam and the second heart cam, an angle made by a direction of a force exerted to the hammer operating pin relative to the second heart cam contact portion of the hammer falls in a range of 57 degrees through 84 degrees.